

VEHICLE INTERIOR TRIM PANEL COMPONENT ASSEMBLY AND IN-MOLD METHOD OF MANUFACTURING SAME

ABSTRACT OF THE DISCLOSURE

The present invention relates to a method of manufacturing an interior trim panel assembly having integrated trim panel components. The method of manufacture includes providing a die including a pair of die halves cooperating to define a mold cavity to form a interior trim panel where at least one of said die halves includes a surface defining an A-surface and the mold cavity includes a plurality of recesses. The method further includes placing a trim panel component into a recess and closing the die halves to form a rigid substrate within the mold cavity by injecting a molten thermoplastic material into the mold cavity mold cavity. The method further includes bonding the molten thermoplastic material to a trim panel component within the mold cavity while the rigid substrate is formed.